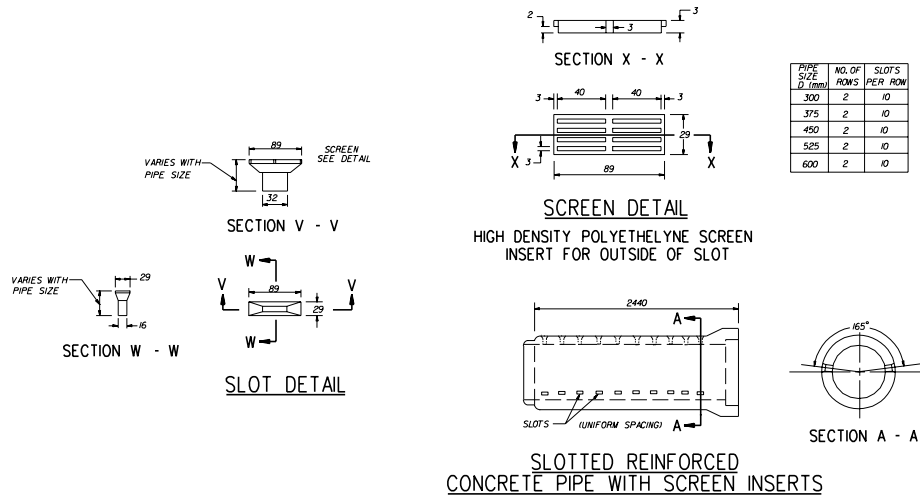
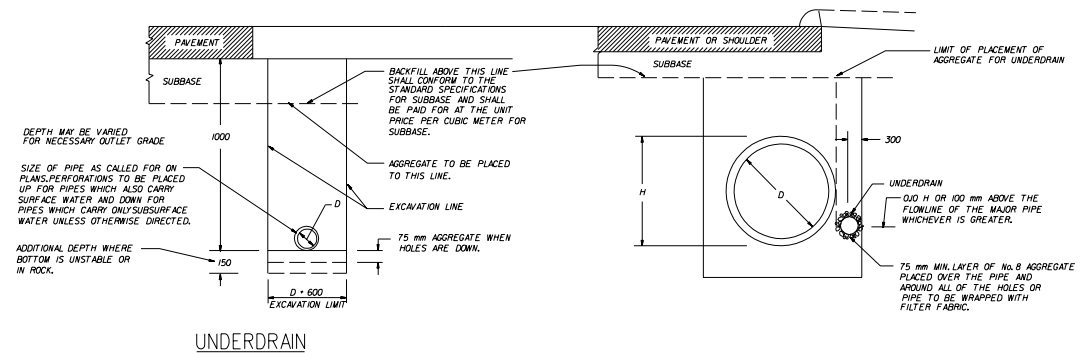


PAVEMENT EDGE DRAIN AND UNDERDRAIN OUTLET DETAILS

NOTES:
 1. THE OUTLET ENDWALL CAN BE EITHER PRECAST OR CAST IN PLACE.
 2. CONCRETE SHALL BE CLASS "C" CONCRETE.
 3. IF PRECAST CONCRETE ENDWALL IS USED, OUTLET SHALL BE GROUTED AND SEALED TO ENDWALL OPENING WITH NON-SHRINK GROUT.

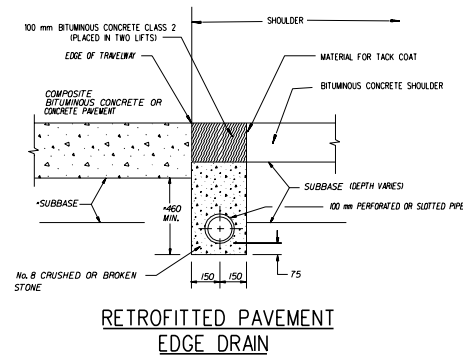


SLOTTED REINFORCED CONCRETE PIPE WITH SCREEN INSERTS

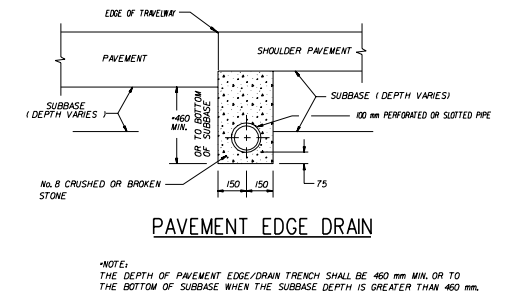


CULVERT AND PIPE UNDERDRAIN IN THE SAME TRENCH

NOTE:
 PAYMENT LIMITS FOR TRENCH EXCAVATION AND BEDDING SHALL BE THE SAME AS FOR THE CULVERT ALONE. MATERIAL ABOVE THE BEDDING SHALL BE SUITABLE MATERIAL OR GRANULAR FILL. GRANULAR FILL SHALL BE PAID AS A SEPARATE ITEM.



NOTE:
 THE DEPTH OF RETROFITTED PAVEMENT EDGE DRAIN TRENCH SHALL BE 460 mm MIN. OR TO THE BOTTOM OF SUBBASE WHEN THE SUBBASE DEPTH IS GREATER THAN 460 mm.



NOTE:
 THE DEPTH OF PAVEMENT EDGE DRAIN TRENCH SHALL BE 460 mm MIN. OR TO THE BOTTOM OF SUBBASE WHEN THE SUBBASE DEPTH IS GREATER THAN 460 mm.

GENERAL NOTES:
 1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT AS NOTED.
 2. ALL REBARS ARE METRIC DESIGNATIONS.

DATE: 11-13-97

UNDERDRAINS AND OUTLETS PAVEMENT EDGE DRAIN

M751-B